NC/QC/PYNK/2021-22/PMC

Date: 29-08-2022

To,
The Executive Engineer,
Yelahanka Project Division,
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Item No	Description of work	Unit	Qty	Remarks
1	Eartwork excavation for foundation of buildings,water supply,sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary	Cum	125.74	Work done upto the Billed Quantity and the Quality is Satisfactory
2	Provding and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass	Sqm	386.91	Work done upto the Billed Quantity and the Quality is Satisfactory
3	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40 mm and down size graded granite metal machine mixed,concrete laid in	Cum	8.38	Work done upto the Billed Quantity and the Quality is Satisfactory
4	Providing T.M.T steel reinforcement for R.C.C work including straightening,cutting ,bending ,hooking,placing in position,lapping and/or welding	Kgs	4689.26	Work done upto the Billed Quantity and the Quality is Satisfactory
5	Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse	Cum	91.42	Work done upto the Billed Quantity and the Quality is Satisfactory
7	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for	Nos	80.00	Work done upto the Billed Quantity and the Quality is Satisfactory
8	Supplying, and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaries and mounted on Octagonal pole using necessary bolts, nuts	Nos	80.00	Work done upto the Billed Quantity and the Quality is Satisfactory
9	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti	Nos	40.00	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
10	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti	Nos	80.00	Work done upto the Billed Quantity and the Quality is Satisfactory
11	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1,	Mtrs	1008.00	Work done upto the Billed Quantity and the Quality is Satisfactory
12	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1,	Mtrs	1979.00	Work done upto the Billed Quantity and the Quality is Satisfactory
13	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1,	Mtrs	558.00	Work done upto the Billed Quantity and the Quality is Satisfactory
14	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct. 25 sqmm	Mtrs	1008.00	Work done upto the Billed Quantity and the Quality is Satisfactory
15	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct. 35 sqmm	Mtrs	2537.00	Work done upto the Billed Quantity and the Quality is Satisfactory
16	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.(As per Civil SR KSRB I-2, P-	Mtrs	2754.00	Work done upto the Billed Quantity and the Quality is Satisfactory
17	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.(As per Civil SR KSRB I-2, P-	Mtrs	192.00	Work done upto the Billed Quantity and the Quality is Satisfactory
18	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or	Mtrs	4575.00	Work done upto the Billed Quantity and the Quality is Satisfactory
19	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than .25mm on pole/wall/drain crossing with necessary clamping	Mtrs	70.00	Work done upto the Billed Quantity and the Quality is Satisfactory
20	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with	Nos	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory
21	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Nos	1072.00	Work done upto the Billed Quantity and the Quality is Satisfactory
22	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI	Nos	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
23	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.600x600x3mm Copper plate	Nos	40.00	Work done upto the Billed Quantity and the Quality is Satisfactory
24	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and	Mtrs	50.00	Work done upto the Billed Quantity and the Quality is Satisfactory
25	Fabricating supplying and mounting MS box made out SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation,	Sqcm	280000.00	Work done upto the Billed Quantity and the Quality is Satisfactory
26	Supplying and fixing Moulded Case Circuit Breaker (MCCB)over the existing wood/panel board using necessary screws,bolts, nuts, necessary phase	Nos	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory
27	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Nos	170.00	Work done upto the Billed Quantity and the Quality is Satisfactory
29	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.25x3mm Copper strip	Mtrs	82.50	Work done upto the Billed Quantity and the Quality is Satisfactory
30	Supplying & fixing of retrofit type - LED bulb.....W with OPAL acrylic diffuser comprising of LED source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per	Nos	61.00	Work done upto the Billed Quantity and the Quality is Satisfactory
31	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.63Amps	Nos	18.00	Work done upto the Billed Quantity and the Quality is Satisfactory
32	Supplying and fixing of Spiral Earth Electrodes as per standard technical specification as per ESCOM.	Each	133.00	Work done upto the Billed Quantity and the Quality is Satisfactory
33	Erection of steel supports 9.0 to 10.00 mtr long such as 22.68 kg (50 lbs) Rail,27.22 kg (60 Lbs) Rail I Beam of sizes 200x100mm, 175x90 mm, 125x100mm.	Each	50.00	Work done upto the Billed Quantity and the Quality is Satisfactory
34	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Each	50.00	Work done upto the Billed Quantity and the Quality is Satisfactory
35	Hiring of 35 tons capacity Crane for releasing and refixing of High Mast	Hour	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
36	Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field	Nos	8.00	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
37	Supply and erection of 3 Mtr long Aluminium Pole with 60 watt LED Light made out of extruded alluminium 80x120mm with 3 MM thickness, with attached bent	Nos	40.00	Work done upto the Billed Quantity and the Quality is Satisfactory
38	Supply of 3 Mtr Powder Coated Aluminium Pole with 60W Light and strip wattage of 20W, dimension of pole 3mm gage with 80x120mm with Body Colour Grey with	Nos	32.00	Work done upto the Billed Quantity and the Quality is Satisfactory
39	Fabricating, Supplying and errection of decorative bent type Conical Street light pole with hot dip Galvanized with BSEN 10025 grade S 355 JO Steel plate for shaft, IS	Nos	61.00	Work done upto the Billed Quantity and the Quality is Satisfactory
40	Laying of UG Cables by Trenches technology by adopting horizontal boring & Drawing of Cable including preparation at site with HDPE Pipe i) Normal	mtrs	87.00	Work done upto the Billed Quantity and the Quality is Satisfactory
E1	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm	Nos	674.00	Work done upto the Billed Quantity and the Quality is Satisfactory
E2	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour	Sqm	640.50	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill

Thanking you,

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With Regards,

For Newzen Consultants Bangalore

NEWZEN CONSULTANT Bangalore